

FOLIO

CIT Chemist to Deliver Boomer Lectures

This year's Boomer Lecturer is Professor Rudolph A. Marcus, the Arthur Ames Noyes Professor of Chemistry at the California Institute of Technology.

The 1982 Boomer Memorial Lectures, which he will deliver on 29, 30, and 31 March and 1 April, are the 24th in a series inaugurated in 1958 to recognize the contributions made by Professor E.H. Boomer, who was associated with this University's Chemistry Department from 1925 to 1945.



This year's lecturer was born in Montreal in 1923 and received BSc and PhD degrees from McGill University in 1943 and 1946 respectively. After post-doctoral research (experimental work on free radical reactions with E.W.R. Steacie at the National Research Council of Canada and theory with O.K. Rice at the University of North Carolina), he joined the faculty of the Polytechnic Institute of Brooklyn in 1951. In 1964, he became Professor of Physical Chemistry at the University of

Illinois, and was later head of its division of physical chemistry. Since 1978 he has been Arthur Ames Noyes Professor of Chemistry at the California Institute of Technology.

Professor Marcus obtained early recognition for his work on the theory of electron transfer processes. This work has been extended from chemical electron transfer reactions in solution to include electrode reactions and biological electron transport. His research also encompasses theories of chemical reaction rates and collisional energy transfer.

Examples include proton transfer reactions, hydrogen over-voltage, semi-classical theory of inelastic and reactive collisions and of bound states. Other investigations relate to unimolecular reaction rates, multiphoton infrared molecular dissociation, collision-broadened molecular spectra and microwave transient phenomena.

Professor Marcus is a member of the National Academy of Sciences of the U.S.A. and was awarded the Irving Langmuir Award in Chemical Physics of the American Chemical Society. The

Edward Herbert Boomer lecture series is one of five distinguished lecture series or lectures he will give in 1982.

As the Boomer Lecturer, he will speak on "Electron Transfer Reactions—Theory and Experiment" (29 March), "Electron Transfer Reactions—Part 2" (30 March), "Vibrational Energy Randomization in Molecules" (31 March), and "Proton Transfers and Related Reactions" (1 April). All lectures will be held at 11 a.m., the first two in Room V-107, and the others in Room E3-25 of the Chemistry Centre. □

Board of Governors

At its meeting on 5 March the Board of Governors dealt with a number of items of business. Folio last week reported on the naming of the first Henry Marshal Tory Professor, Milton Freeman, and other reports follow.

Associate Vice-President (Research)

Baha R. Abu-Laban, Professor of Sociology, has been appointed Associate Vice-President (Research) at The University of Alberta. Dr. Abu-Laban will assume his new duties on 1 July 1982. He will have particular responsibility for the development of research and scholarship in the social sciences, humanities, fine arts, and law and will make recommendations regarding central research fund expenditures for these areas. In addition, he will collect data dealing with research

activities of the various faculties and departments, as well as being responsible for the budget and administration of the library, collections, and interdisciplinary research units.

A native of Palestine, Dr. Abu-Laban obtained his Bachelor's and Master's degrees from the American University of Beirut prior to receiving his Doctorate in Sociology from the University of Washington.

He was a public school teacher before studying for his university degrees and joined the Sociology Department at The University of Alberta in 1961. Dr. Abu-Laban later left to teach at his alma mater in Beirut and returned to Alberta in 1965.

Dr. Abu-Laban has held a number of administrative positions at the University including Associate and Acting Chairman of the Department of Sociology;

Associate Dean (Social Sciences) and Acting Dean of the Faculty of Arts; and is currently Acting Director of the Office of Institutional Research and Planning.

Donation of Land

Sandy A. Mactaggart, an Edmonton landowner and developer, has donated 128 acres of land, valued at \$1.93 million, to the University. This is the most significant private donation of land ever received by the University.

The land is part of a quarter section owned by Mr. Mactaggart and is situated north of the University's Ellerslie Research Station, approximately 20 kilometers south of the University.

The newly acquired land is ravine property located along the Whitemud Creek and will be

preserved in its natural state. Mr. Mactaggart donated the land with the provision that it remain an untouched sanctuary with the indigenous flora and fauna preserved. He felt the property would be best used by the University and most suitably by the Departments of Zoology, Botany, and Forest Science. The intention is to name the area The Mactaggart Sanctuary.

The University will surround the property with a security fence within the next several months to



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discourage snowmobilers and motorcyclists from disturbing the natural habitat of the area.

A matching grant of \$1.93 million is forthcoming from the Alberta government and a distinctive proposal for its use is in progress.

Computer Assisted Cartography

The Board of Governors gave the go-ahead to a new Bachelor of Science special degree program in computer assisted cartography. Providing special funding is received from the provincial government, this will be the first degree of its kind offered in Canada.

The Departments of Geography at Simon Fraser, Winnipeg, Ottawa, and Carleton Universities have courses in computer assisted cartography. However, the new four-year undergraduate program developed by The University of Alberta and scheduled to begin in September 1982, will be jointly offered by two departments in the Faculty of Science, Computing Science and Geography. There is no other university in Canada which offers a degree program involving both disciplines.

The intention is to provide students with substantive training in the application of computing science in order to apply it to the discipline of cartography. Of the over 2,000 cartographers in Canada only a small number have expertise in both areas.

While providing a new degree program in an area where there is an existing need for trained professionals, The University of Alberta also hopes to become the major centre for teaching and research in western Canada in computer assisted cartography and, ultimately, geographic information systems.

Chairman of Animal Science

Robert T. Hardin was appointed Chairman of the Department of Animal Science, Faculty of Agriculture and Forestry. Dr. Hardin will begin his five-year term as chairman on 1 July 1982.

Currently a professor in the Department of Animal Science, Dr. Hardin was Acting Chairman of the Department from 1 January 1981 until 30 June 1981, during the absence of the present chairman, R.T. Berg.

Dr. Hardin joined the University in 1962 as an assistant professor after receiving his BSc in Agriculture from the University of Georgia and his Master's and Doctoral degrees from Purdue. He teaches courses in biometrics as they relate to animal sciences. Dr. Hardin is also involved in poultry genetics courses and the biannual instruction of quantitative animal genetics.

A member of the Poultry Science Association, the Biometrics Society, and the American Statistical Association, Dr. Hardin looks forward to continued graduate student contact through data and statistical analysis.

Dr. Berg will return to more active research activities in the Department of Animal Science and the teaching of animal breeding and evolutionary genetics courses.

Rental Increases

The Board of Governors approved increases in accommodation rates effective 1 September 1982.

Students living in the Faculté Saint-Jean residence will see an increase of \$365 for single rooms and \$310 for double rooms for eight-month contracts.

The Lister Hall residence complex will also increase its

rates: eight-month contracts for single rooms will be raised \$470 with double occupancy rooms increasing by \$375; single and double occupancy will increase by \$200 and \$157 respectively for four-month contracts; one-month contracts will see an increase of \$22 for single rooms and \$18 for double rooms.

Residents of Pembina Hall will pay \$430 more for a small room, a medium room will cost \$455 more, and large room rentals will be increased by \$475, all for eight-month contracts.

Housing units in Garneau, consisting of basement and apartment suites with one to six bedrooms, will have rental increases of \$55 to \$118 depending upon the size of the unit.

Apartments in HUB will also be affected by the increased rents: bachelor units will increase by \$30 for an unfurnished and \$35 for a furnished; two bedroom suites will cost \$45 more for an unfurnished and \$50 for a furnished unit; four bedroom units will be raised by \$70 for an unfurnished and \$85 for a furnished; and the special end units will be increased by \$50.

Row houses rentals in Michener Park will increase by \$45 per month while maisonettes will rent for \$40 more, with second and third floor units increasing by \$45. Apartment rentals will increase by \$50 per month. All rents in Michener Park will be increased on 1 July 1982 with an additional \$5 boost on 1 August 1982.

SUB Art Gallery Director Resigns

Joan Borsa, Director/Curator of the SUB Art Gallery since 1977, has resigned her position effective 15 March 1982. Under her direction the SUB Art Gallery expanded its programs and gained recognition within Alberta as a major exhibition space for contemporary Canadian art. Miss Borsa is leaving Edmonton to assume a position in Saskatoon.

A national campaign is currently underway to seek a new director for the Gallery, and it is expected that the successful candidate will begin work during the summer of '82.

In the interim, Christine Conley, currently Program Coordinator at the Gallery, will be Acting Director. □

EFF Distinguished Visitors

Eminent Statistician to Visit Sociology Department

David J. Bartholomew, Professor of Statistics, London School of Economics, will be a Visiting Professor in the Department of Sociology from 22 March through 2 April 1982. During his brief stay here, Dr. Bartholomew will present a mini-course on stochastic processes in social sciences. The Distinguished Visitor will also give a public talk on the role of quantitative thinking in social sciences.

Professor Bartholomew is well known for his contributions to both theoretical and applied statistics. His "Stochastic Models for Social Processes," which is now in its third edition in the Wiley *Applied Probability and Statistics Series*, is considered the bible of mathematical sociologists and demographers. In addition, Dr. Bartholomew has authored *Statistical Inference under Order Restrictions* with Brunk et al., *Statistical Techniques for*

Manpower Planning with Forbes (both in the Wiley Series), and edited *Aspects of Manpower Planning* with B.R. Morris (Elsevier publication). Dr. Bartholomew's interest has not been only with hard core mathematicians. *Let's Look at the Figures* (with E.E. Bassett, Penguin, 1971) takes the message of statistical analyses to the layman. This is written in a popular vein so that a common person can get a feel for statistical methods and analysis. Dr. Bartholomew is actively involved in the statistical activities of the Royal Statistical Society, the oldest statistical group in the world. He is currently an honorary secretary of the Royal Statistical Society, an associate editor of the *Journal of Mathematical Sociology*, a member of the editorial board of the *Journal of the Royal Statistical Society*, and a member of the *Population*

Investigation Committee, London School of Economics. Before assuming the position of Professor of Statistics at the London School of Economics, Dr. Bartholomew

taught at the University of Kent (Canterbury) and Keele. He was also a Visiting Professor at Harvard University. □

Political Scientist Here For Visit

Kenneth D. McRae, FRSC, Professor of Political Science at Carleton University, will be a Distinguished Visitor with the Department of Political Science from 15 to 26 March.

Professor McRae was educated at Toronto and Harvard. He is a past president of the Canadian Political Science Association. His books and articles deal with consociational democracy, plurilingual societies and Louis Hartz's fragment theory of new societies.

Professor McRae is currently working on a four-volume series which compares the political interaction of language communities in

Switzerland, Belgium, Finland, and Canada.

Among his lectures and discussions, all of which are open to staff, students, and interested persons in the community, will be "Non-democratic Consociational Systems," Thursday, 18 March, at 2 p.m. in Tory 10-4; "Quebec and Plurilingualism," Tuesday, 23 March at 2 p.m. in Tory 10-4; and "Some Methods of Cultural Co-existence and Their Application to Canada," Thursday, 25 March at 8:30 p.m. in TL-11.

For further information about Professor McRae's visit, please call 432-3771. □

75th Anniversary Theme

A 75th Anniversary sub-committee met on several occasions to generate an appropriate theme or slogan for the University's 75th Anniversary. The primary objective was to develop a statement to give focus and continuity to the diverse activities being planned.

After initial consideration of some alternative approaches, it was agreed that emphasis should be placed on the present and future directions of the University. Accordingly, the sub-committee sought a theme that would incorporate the idea of the past as a platform for the future.

The committee received input from numerous members of the University community, and historical sources such as speeches of former University presidents were also considered. The following is a partial list of the suggestions that were advanced:

- Excellence into the Future
- A Tradition of Excellence
- Service through Excellence
- The First 75 Years and the Next: the Pursuit of Knowledge
- 75 Years of Quality and Excellence
- The University of Alberta—Proud to be a Part of It!
- Service to Alberta through Excellence in Education

There were numerous similar suggestions, making it apparent that most contributors assigned significance to the concepts of quality, excellence, and service to the community.

The sub-committee initially supported the theme: "The Pursuit of Excellence." Upon reflection, however, it became apparent that this is a goal that is generally applicable to many different organizations. This led to a search for keywords that would capture ways in which the University is specifically engaged in the pursuit of excellence.

A further concern was that the anniversary should highlight the significant impact that the University has on local, provincial, national, and international communities. It was felt that in order to address the widest public this should be stated in a simple, easily understood message.

It was in the above context that the theme for the 75th Anniversary emerged.

*The University of Alberta Scholarship and Innovation:
75th Anniversary What we do affects you.
1908-1983*

New Chemical Engineering Lecture Series

Harmon Ray, Professor and Chairman of the Department of Chemical Engineering at the University of Wisconsin, Madison, is the first lecturer in a new lecture series being initiated in the Department of Chemical Engineering.

Each year, the CIL Distinguished Lecturer series will bring to the University a speaker with expertise in an area or areas of

interest to chemical engineers. It is made possible by support from CIL Inc.

The first lecturer, Dr. Ray, received his PhD degree from the University of Minnesota in 1966 and taught at the University of Waterloo from 1966 to 1970, and then at the State University of New York until 1976. He has acted as a consultant to the petroleum, chemical, and metal

industries and has written extensively in the areas of chemical reaction engineering, process modelling, optimization, and process dynamics and control.

Dr. Ray received the D.P. Eckman Award of the American Automatic Control Council in 1969 and spent a year as a Guggenheim Fellow in Europe. In 1981, he received the Arthur K. Doolittle Award of the Organic Coating and Plastic Division of the American Chemical Society, and the Automatica Prize Paper Award of the International Federation of Automatic Control.

On 25 March, Dr. Ray will

speak on "Recent Trends in Modern Process Control," and the following day, he will speak about "Polymerization Reaction Engineering." Both lectures will take place in Room 345 of the Chemical/Mineral Engineering Building, beginning at 3:30 p.m. The lectures will be the focal point of a program to encourage interaction among industrial, academic, and student participants. After the lecture on process control there will be a reception at University House; the second lecture will be preceded by a coffee hour. □

Gift for Computing Science

The Department of Computing Science recently received five LSI-11 kits, valued at \$51,185, from Digital Equipment of Canada Ltd. under the company's Special Equipment Grant Program. The purpose of the program is to help universities strengthen their teaching laboratories within computing science departments.

The donated equipment consists of a basic computer (an LSI 11/2 central processor, 32,000 bytes of memory, two serial I/O ports, a mounting box, and a power supply), dual cartridge tape drives, a hard copy terminal, and software. These units are being used for instruction in assembly level I/O programming and microcom-

puter applications.

A matching grant through the 1980s Advanced Education Endowment Fund was sought and received. It is being used primarily to acquire additional I/O devices for the LSI 11's and to augment the department's instruction capabilities in the area of interfacing.

The Department of Computing Science expresses its appreciation for the opportunity to participate in DEC's program and acknowledges, with thanks, DEC's generous contribution. It is especially thankful to Mr. G. Millard, DEC's Sales Representative, for his active cooperation with, and endorsement of, the equipment grant application. □

High Unemployment of Women Predicted

"Unless policy makers move to head off current trends, up to one million Canadian women could be unemployed by 1990," says Heather Menzies, author of *Women and the Chip*, published by the Institute for Research on Public Policy in Ottawa.

The trends identified by Menzies' research include the automation of clerical and related information work, which is consistently and substantially reducing labor requirements in areas where women are most heavily concentrated.

Paralleling this trend, computer-based technology is upgrading, and possibly increasing, the more professional information work where few women are represented. The third trend is that the skills difference between these two occupation levels is widening, and could soon become unbridgeable except through extraordinary and, undoubtedly, costly measures.

What will these trends mean, for example, for employees of The University of Alberta? Heather Menzies will speak on the effects and social implications of micro-technology at a free public forum sponsored by the Faculty

of Extension Women's Program. The forum will be held from 7:30 to 9:30 p.m. on Wednesday, 24 March in SUB Theatre. Local unions, such as the U of A Non-Academic Staff Association, have endorsed the forum.

Please call the Women's Program at 432-3093 for further information.

people

Visiting Artist in Music

On 28 March at 3 p.m., Marilyn Engle, pianist, will appear at Convocation Hall as part of the Visiting Artist Series of the Department of Music.

Now an Associate Professor of Music at the University of Calgary, Professor Engle is the youngest member of a musical Calgary family. In 1965, the Alberta Music Festivals adjudicators selected her "most promising competitor of the year." She has since lived up to that promise, winning major competitions such as the J.S. Bach

International Competition, the Music Teachers' National Association Competition, and the Washington Piano Competition.

Professor Engle graduated with a Master's degree in Piano from Juilliard School in 1970, and received an MA degree in Musicology from New York University in 1975.

She is continuing her studies at NYU toward a PhD degree in Performance and will give her New York Tully Hall debut in June. □

environments, while at the same time reducing energy waste on campus. To this end, the installation of computer control for building operations and modifications to bring about more efficient mechanical systems are now at a high level of activity.

Mr. Moodie is a graduate in mechanical engineering from the University of Windsor, Ontario. He has been involved in building operations/energy management with Alberta Government Services, Edmonton Public Schools, and for the last year and a half at The University of Alberta as Engineering Officer in the Energy Management Division.

R.E. Braun (Classics) was elected to membership in the Poetry Society of America in January.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Music

Department of Music Concerts

18 March, 8 p.m. New Music from the University of Alberta.
19 March, 5 p.m. John Feldberg, bassoon (A Junior Student Recital).
19 March, 8 p.m. Bonnie Panych, soprano (A Senior Student Recital).
20 March, 8 p.m. Eileen Armstrong, organ. Candidate for the Master of Music degree for Applied Music (Keyboard).
22 March, 5 p.m. Janet Dea, soprano (A Junior Student Recital).
22 March, 8 p.m. Cathy Janakas, piano (A Senior Student Recital).
24 March, 5 p.m. Ron Komarniski, viola (A Non-Compulsory Student Recital).
24 March, 7:30 p.m. Concert Band. Ernest Dalwood, conductor. This concert will be in Onoway, Alberta.
25 March, 5 p.m. Candace Marles, piano (A Non-compulsory Student recital).

25 March, 8 p.m. Art Song Interpretation, with students of A. Munn.
26 March, 8 p.m. Richard Link, piano (A Senior Student Recital).
27 March, 5 p.m. Chris Helman, saxophone (A Junior Student Recital).
27 March, 8 p.m. Suzanne Dyck, soprano (A Senior Student Recital).
28 March, 3 p.m. Marilyn Engle, piano (Visiting Artist Series).
28 March, 8 p.m. The University of Alberta Stage Band. Fordyce Pier, conductor.
29 March, 5 p.m. Marguerite Puik, piano (A Junior Student Recital).
29 March, 8 p.m. Ming-yee Tam, piano (A Senior Student Recital).
30 March, 8 p.m. Chisako Etzkorn, soprano (A Senior Student Recital). Except where indicated all Concerts are held in Convocation Hall.

Sundays at 3

21 March, 3 p.m. The Royal Canadian College of Organists presents Guy Bovet, Swiss Organist. Convocation Hall. Tickets \$5 (Adults). \$3 (Seniors and Students).

SUB Theatre

23 March, 7 p.m. Dan Hill in concert. Tickets BASS.
27 March, 7:30 and 10:30 p.m. The Nylons in concert. Tickets BASS.

Films

Edmonton Film Society

22 March, 8 p.m. International series "The Clockmaker." Director Bertrand Tavernier. SUB Theatre.

SUB Theatre

28 March, 2 p.m. "Mabait ang Masungit at ang Pangit." (The Greedy and the Ugly) a Philippine film. For tickets phone Oscar Rodil 425-0339 or Edgar 436-0142.

Lectures and Seminars

Endowment Fund for the Future:

Distinguished Visitors

Department of Zoology

18 March, 12:30 p.m. "The spermatoozon—a model cell for the study of secretion, motility and regional membrane specialization." CW 410 Biological Sciences Centre.

Department of Economics

18 March, 2 p.m. Professor Perlman on "Inflation and Unemployment: The Worsening Trade-Off." 336 Civil/Electrical Engineering Building.
24 March, 3 p.m. Professor Perlman on "Transfer Mechanism for Income Redistribution." 8-22 H.M. Tory Building.

Limnology and Fisheries

18 March, noon. Tats Yamamoto on "Virus associated infections of Walleye." G217 Biological Sciences Centre.
25 March, noon. Jay Babin on "Prediction of winter oxygen depletion in Alberta lakes." G127 Biological Sciences Centre.

Department of Classics

18 March, 4 p.m. J.R. Wilson on "The Epic of Gilgamesh, and the Iliad." 1-8 Humanities Centre.

Alberta Heritage Foundation for Medical Research

18 March, 4 p.m. P.D. Bragg, University of British Columbia, on "The Proton Translocating ATPase of E. coli." 2-27 Medical Sciences Building.

Department of Comparative Literature

18 March, 4 p.m. A. Michael Porter on "Some other voices of Caliban: A Brief Survey of Two Creole Literatures in West Africa." Senate Chamber, Arts Building.

Department of Forest Science Forestry Seminar

18 March, 3:30 p.m. Valerie LeMay on "Individual Tree Volume Estimation for Four Regions of Alberta." 849 GSB.
25 March, 3:30 p.m. Jack Munro on "Labour's Role in Forest Management." 2-1 Mechanical Engineering Building.

Department of Mathematics Colloquium

18 March, 4 p.m. Joram Lindenstrauss, The Hebrew University, Jerusalem, on "The Uniqueness of Structures in Banach Spaces." 657 CAB.

Department of Zoology

18 March, 4 p.m. Aubrey Gorbman, University of Washington, on "Endocrine problems in salmon sea-ranching." CW410 Biological Sciences Centre.
19 March, 3:30 p.m. Aubrey Gorbman, University of Washington, on "Evolution of the Brain-pituitary relationship." 345 Agriculture Building.

Special Seminars

22 March, 4 p.m. J.H. Spring, University of British Columbia, on "Hormonal regulation of ion resorption in the Locust, Schistocerca gregaria." 23 March, 12:30 p.m. Dr. Spring will speak on "Control of ion resorption in Locust rectum: Implications for fluid transport." Dr. Spring's Lectures will be held in B109 Biological Sciences Centre.
26 March, 3:30 p.m. J.D. Robertson, Duke University Medical Centre, on "The Evolution of ideas about membrane structure since 1950." 345 Agriculture Building.
30 March, 4 p.m. Bernard Breton, Institut National de la Recherche Agronomique, Rennes, France, on "Gonadotropins in teleost fishes: The salmon model." CW410 Biological Sciences Centre.

Department of Art and Design Public Lecture Series

19 March, 2:30 p.m. Eva Smithwick on "Rembrandt, painting methods, a restorer's view." 2-20 Fine Arts Building.
26 March, 2:30 p.m. Sandra Shaul on "Towards abstract expression: for Canadian pioneers." 2-20 Fine Arts Building.

Department of English

Visiting Speakers and Seminars

19 March, 3 p.m. Catherine McLay on "In Search of W.O. Mitchell."
23 March, 4 p.m. J. MacIntyre on "The Costume Economy of Shakespeare's Plays."
25 March, 4 p.m. G.D. Kelly on "Revolution, Crime and Madness: Edmund Burke's defense of the Gentry."
26 March, 3 p.m. G.D. Kelly on "The Style of Burke's Reflections on the Revolution in France and the defence of the Gentry." These talks will be in 5-20 Humanities Centre.

Department of Medical Microbiology and Alberta Heritage Foundation for Medical Research

19 March, 11 a.m. V.N. Iyer, Carleton University, Ottawa, on "Structure and Functional Organization of Incompatibility Group N Plasmids." 1-17C Medical Sciences Building.

History Colloquium

19 March, 3:05 p.m. H.P. Liebel-Weckowicz on "Ranke on Darwin." 2-58 H.M. Tory Building.

Department of Linguistics

22 March, 2 p.m. Stig Eliasson on "Retrieval vs. Simplicity in Phonological theory." 749A GSB.

Department of Comparative Literature

22 March, 3 p.m. Choudri Mohammed Naim, University of Chicago, on "The Contemporary Urdu Ghazal."
23 March, 9:30 a.m. Professor Naim on "The Contemporary American Ghazal." These lectures will be held in the Senate Chamber, Arts Building.

Department of Physics

22 March, 3:30 p.m. R. Jackiw on "Fractionally Charged Solutions." 631 Physics Building.

Department of Sociology

Public Lecture

22 March, 3:30 p.m. Gernot Boehme, Technische Hochschule Darmstadt, West Germany, on "A Sociological Concept of Knowledge." L2 Humanities Centre.

Brown Bag Seminar

24 March, 12:10 p.m. Les Hayduk on "Personal Space: Distance, Area, Volume or Exp." 5-15 H.M. Tory Building.

Population Studies Seminars

19 March, noon. D. Johnson on "Latin American Border Migration." 5-15 H.M. Tory Building.
26 March, noon. L.A. Kosinski on "IUSSP General Meeting in Manila." 5-15 H.M. Tory Building.

Department of Chemistry Colloquium

22 March, 8 p.m. Mark Wrighton, Massachusetts Institute of Technology,

on "Interfacial Inorganic Photochemistry." E3-25 Chemistry Centre.

Department of Geology

23 March, 11 a.m. W.C. Kelly on "Geology and Geochemistry of the Tin-Tungsten Deposits of Panasqueira, Portugal." 490 Agriculture/Geology Building.

Department of Anthropology

23 March, 3:30 p.m. François J. Kense on "Metallurgy and Metal-working in West Africa: An Archaeological Assessment." 14-6 H.M. Tory Building.

Department of Slavic and East European Studies

23 March, 3:30 p.m. P. Rolland on "Simeon Polockij (1629-1680), His Archival Existence and its Consequences." 311 Athabasca Hall.

Third World Issues in Development and Underdevelopment

23 March, 7:30 p.m. Roberta McKown on "Political Instability in Black Africa." L4 Humanities Centre.

Faculty of Dentistry Visiting Lecturer

24 March, noon. B.G.J. van Rensburg, University of Stellenbosch, on "Streeter's nasal fin: fact or fallacy?" 2031 Dentistry/Pharmacy Centre.

Department of Religious Studies Public Lectures

24 March, 4 p.m. J. Padua on "The Church as a factor of Power in Latin America." LH2 Humanities Centre.

Women and the Chip

24 March, 7:30 to 9:30 p.m. Speaker Heather Menzies, Ottawa. Theatre, Students' Union Building.

Department of Botany

24 March, 4 p.m. R. Hastings on "Arctic tundra plant communities near Tuktoyaktuk: influence of seismic disturbance." M149 Biological Sciences Centre.

Department of Germanic Languages

24 March, 7:30 p.m. A. Strombergs on "German Lieder." 14-6 H.M. Tory Building.

Department of Philosophy

25 March, 3:30 p.m. Charles McCracken, Michigan State University, on "Stages on the way to Immaterialism." L2 Humanities Centre.

Department of Chemical Engineering

25 March, 3:30 p.m. W. Harmon Ray, CIL Inc., on "Recent Trends in Modern Process Control." 26 March, 3:30 p.m. Dr. Ray will speak on "Polymerization Reaction Engineering." These lectures will be held in 345 Chemical Mineral Engineering Building. For more information phone 432-3321.

SUB Art Gallery

Poetry Readings

26 March. Mary Howes and Steven Hume read their poetry.

Language Laboratories

29 March, 3 p.m. Donna Mydlarski, University of Calgary, and Glyn Holmes, University of Western Ontario, will speak on "Computer-Assisted Learning." 17 Arts Building.

Exhibitions

Ring House Gallery

25 February to 21 March. Works of New York artist, Tom Holland, made available through the Southern Alberta Art Gallery, Lethbridge. 11 to 21 March. Isabelle Hunt-Johnson. Exhibit in partial fulfillment of MVA program. 25 March to 30 April. Creation Quebec 81. A presentation showing printmaking activity in Quebec, organized by the Université de Sherbrooke.

SUB Art Gallery

12 to 28 March. Hans Haacke's Upstairs at Mobil and Toyo Kawamura's recent paintings.

L'Express Café

15 March to 4 April. John M. Brooks-Reading. Drawings.

Theatre

Studio Theatre Corbett Hall

18 to 27 March, 8 p.m. "Balconville" by David Fennario. For more information phone 432-2495.

The Second Annual Francophone Theatre Festival of Alberta

19, 20, 21, 26, 27 and 28 March, 8 p.m. For information and reservations phone 469-0829.

Radio and Television

Department of Radio and Television

Programs broadcast on CKUA radio (580AM/95FM) 19 March, 8 p.m. "Voiceprint" Communications handicaps and writing as therapy. 20 March, 7 p.m. "University Concert Hall" Recorded music from Convocation Hall. 22 March, 7 p.m. "Legal Maze" Family Law, Part IV. 24 March, 7 p.m. "Taking care of Business" Issues of concern to both small and large business operations. 24 March, 7:30 p.m. "Science Digest" Facts, theories and implications of current scientific endeavors. 26 March, 8 p.m. "Voiceprint" The Language of Gesture and the Art of Drama. 27 March, 7 p.m. "University Concert Hall" Recorded music from Convocation Hall. Television programs broadcast on EECC cable 13 (CC)

EECC cable 9 (QCTV)

18 March, 2 p.m. "Academic Forum." 18 March, 9:30 p.m. "Islam in Focus." 19 March, 11 a.m. "Fitness for Seniors." 22 March, 3:15 p.m. "Fitness for Seniors." 22 March, 9 p.m. "Academic Forum." Crime Prevention. Host: Alex Matejko, Guest: Dr. Silverman, Chairman of the Department of Sociology. 24 March, 9 p.m. "Islam in Focus." 25 March, 9:30 a.m. "Islam in Focus." 26 March, 11 a.m. Fitness for Seniors." 26 March, 2 p.m. "Academic Forum."

Non-Credit Courses

Faculty of Extension

Choices and Changes:

You and Your Job

Date: 6 Tuesdays commencing 8 March. Time: 6:30 to 9:30 p.m. Fee: \$35. For information phone 432-3039.

Mushrooms Edible and Inedible

Date: 17 and 24 March. Time: 7 to 9 p.m. Fee: \$15. Limit: 15. Instructor: L. Kennedy. For more information phone 432-3033.

Radiation Safety Course

Date: 22 March. Fee: \$2. For more information phone 432-5655.

Fitness for Men

Date: 22 March (Mondays and Wednesdays, 20 sessions). Time: 7 to 8:30 p.m. Fee: \$50. Instructor: Art Burgess. Limit: 30.

Planning Commercial and Industrial Sites

24, 25 March, 9 a.m. to 4:30 p.m. Fee: \$125. (Including two lunches and course materials). For more information phone 432-2912 or 432-3116.

Applied Behavioral Sciences Courses

18 to 20 March. A Practical Approach to Program Evaluation. 19 to 21 March. Understanding the Family as a System. 20 March. Understanding and Facilitating Self-Concept. 22, 23 March. Assertion and Interpersonal skills training. Level I Section D. 26 March. Managing Time at Work. 5 to 8 April. Personal Counselling Methods. 6 and 7 April. Release Your Brakes. 16 to 18 April. Couples Workshop for Relationship Enrichment. For more information on the above courses phone 432-5069.

Faculty of Dentistry

Periodontal Considerations for Dental Practice

Date: 20 March. Place: Medicine Hat.

Conscious Sedation

Date: 22 to 25 March. Place: Edmonton.

Computing Services

Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463 or come to 319 General Services Building.

Introduction to Text Formatting

Course number: 555. Date: 15, 17, 19, 22, and 24 March. Time: Noon to 2 p.m. Fee: \$15. Prerequisites: "MTS and Editor Fundamentals" and "MTS Overview" courses and a good working knowledge of the File Editor. Place: 328 GSB.

Introduction to Programming

Course number: 579. Date: 30 March and 1, 6, 8 April. Time: Noon to 2 p.m. Fee: \$15. Prerequisites: "MTS and Editor Fundamentals" or equivalent knowledge of MTS. Place: 328 GSB.

MTS Overview

Course number: 546. Date: 16, 18 March. Time: 10 a.m. to noon. Fee: \$10. Prerequisites: "MTS and Editor Fundamentals. Place: 328 GSB.

Efficient File Editing

Course number: 538. Date: 23, 25 March. Time: 11 a.m. to 1 p.m. Fee: \$10. Prerequisites: 'MTS and Editor Fundamentals' and a good working knowledge of the File Editor. Place: 327 or 357 GSB.

Introduction to SPIRES

Course number: 565. Date: 29 March. Time: 1 to 4 p.m. Fee: \$5. Prerequisites: 'MTS and Editor Fundamentals' and a good working knowledge of file editing and terminal use. Place: 328 GSB.

Introduction to Plotting

Course number: 649. Date: 7 and 15 April. Time: 9 to 11 a.m. (7th), 10 a.m. to 1 p.m. (15th). Fee: \$20. Prerequisites: FORTRAN, basic MTS and Editor commands. 328 GSB.

Notices

Pipeline Documents

The Library of the Boreal Institute for Northern Studies has received copies of documents covering project and environmental plans for the Yukon section of the Alaska Highway Gas Pipeline as proposed by Foothills Pipe Lines (South Yukon) Limited. These documents have been submitted for review under the Environmental Assessment and Review Process (EARP). They are available for study in the Institute's Library by anyone interested, especially those who plan to bring comments to the Environmental Assessment Panel in the March-April period and at technical hearings at Whitehorse, tentatively scheduled for June 1982.

Spring Break-up Logger Sport

The U of A Forest Society will present its annual Logger Sports Competition on 19 and 20 March. Teams from forestry schools in B.C. and Alberta will be competing along with forestry companies from Alberta, B.C., and Saskatchewan.

Events and demonstrations will take place from 9 a.m. to 4 p.m. both days in the University Quad. A public display on forestry will be set up in the adjacent Central Academic Building and outside in the Quad.

Everyone is invited. For more information, 432-5625.

Community Development

Please note that effective 1 March, 1982, the general office of the Division of Community Development will be opened. 9 a.m. to 1:30 p.m. Monday through Friday. Extension 5630, therefore, will be operating during those hours only. The new secretary is Mrs. Carmen Pique.

Got the Travel BUG?

Visit STARR

The Study and Travel Abroad Reference Room in the Office of Student Affairs, 225 Athabasca Hall: Open: Monday-Friday 8:30 a.m. to noon. 1 p.m. to 4:30 p.m. And for your convenience now remaining open 'til 8 p.m. each Wednesday evening.

Clinical Sedative Trial

Insomniacs: Do you (1) take longer than one-half hour to fall asleep, (2) sleep less than 6 hours per night, (3) wake too early, (4) wake up more than twice per night?

Clinical sedative trial underway. Break the cycle. Limited numbers accepted. Phone Dianne at Research Clinic, Clinical Sciences Bldg. 432-6480 or 432-6599.

Scholarships, Fellowships and Awards

Imasco Scholarship Fund for Disabled Students

Donor: Imasco Limited. **Administered by:** Association of Universities and Colleges of Canada. **Purpose:** To encourage young Canadian disabled students to pursue university studies with the ultimate objective of obtaining a university degree. **Field of study:** Undergraduate program in any field of study. **Value:** Each scholarship is valued at \$1,500 annually. **Number:** Minimum of five. **Duration:** One academic year—may be renewable upon application. **Conditions:** Candidates must be disabled according to 1975 United Nations definition. Candidates must be Canadian citizens. **Where tenable:** At any Canadian university which is a member of, or affiliated with, a member of the AUCC. **Closing date:** 1 June 1982. Application forms available from the Office of Student Affairs, 225 Athabasca Hall.

Positions Vacant

Science Reference Librarian

The University of Alberta Library requires a Reference Librarian in the Science Library. Primary duties will be to provide reference services, including computer searching. Orientation, liaison with several science faculty departments, and work with interlibrary loans will also be involved. Professional library qualifications are required. Previous experience in science reference work is highly desirable as is a science or engineering background. Knowledge of government publications, foreign languages and familiarity with computers would be assets. Salary according to experience and qualifications. Excellent fringe benefits and removal grant. Applicants should send curriculum vitae, transcripts of academic record and the names of three references to Bruce Peel, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. Deadline for receipt of applications is 15 April 1982. The University of Alberta is an equal opportunity employer.

Cataloguers

The University of Alberta Library has openings for general cataloguers. Professional library qualifications required. Good reading knowledge of one or more modern European languages essential. Previous cataloguing experience highly desirable. Salary according to experience and qualifications. Excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Bruce Peel, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. The University of Alberta is an equal opportunity employer.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 12 March 1982.

Clerk Steno II (\$970.59-\$1,161.75)—Faculty of Extension
Data Entry Operator I (\$1,039.24-\$1,250.59)—Computing Services
Library Assistant I (\$1,080.97-\$1,304.43)—Economics
Clerk Steno III (\$1,080.97-\$1,304.43)—Business Administration and Commerce; Boreal Institute; Rural Economy
Clerk Steno III/Secretary (\$1,080.97-\$1,304.43)—TRUST Chemistry
Medical Steno (\$1,204.82-\$1,475.40)—Psychiatry
Accounts Clerk (Term) \$1,204.82-\$1,475.40—Administrative Services
Departmental/Executive Secretary (\$1,358.28-\$1,673.30)—Health Services Administration and Community Medicine

Building Services Worker II (\$1,080.97-\$1,304.43)—Physical Plant (Building Services)
Photo Printer II (\$1,080.97-\$1,304.43)—Photo Services
Animal Technician (Trust) (\$1,204.82-\$1,475.40)—Health Science Building
Animal Unit
Technician I/II (Trust) (\$1,204.82-\$1,673.30)—Zoology
Chemical Technician I (Trust) (\$1,204.82-\$1,475.40)—Chemistry
Biochemistry Technician (Trust) (\$1,204.82-\$1,475.40)—Biochemistry
Building Services Worker III (\$1,204.82-\$1,475.40)—Physical Plant (Building Services)
A/V Technician I/II (\$1,204.82-\$1,673.30)—Physical Education
Farm Technician I (Dairy) (\$1,204.82-\$1,673.30)—Animal Science
Food Services Worker IV (\$1,250.59-\$1,538.68)—Housing and Food Services
Maintenance Worker I (\$1,304.43-\$1,604.63)—Physical Plant (Building Services)
Security Officer I (\$1,358.28-\$1,673.30)—Campus Security
Electron Microscope Technician II (Trust) (\$1,358.28-\$1,673.30)—Anatomy
Technician II (\$1,358.28-\$1,673.30)—Industrial and Vocational Education; Anatomy; Medical Microbiology
Biochemistry Technologist I (Trust) (\$1,417.51-\$1,747.33)—Surgery
Laboratory Technologist I (\$1,517.51-\$1,747.33)—Provincial Laboratory
Biochemistry Technologist I/II (Trust) (\$1,417.51-\$1,986.93)—Cancer Research Unit
Dental Hygienist (Term) (\$1,475.40-\$1,822.73)—University Health Services
Applications Analyst (\$1,538.68-\$1,904.82)—Registrar's Office
Dental Nurse (\$1,538.68-\$1,904.82)—Dentistry
Typographical Tradesman III (Compositor) (\$1,604.63-\$1,986.93)—Printing
Engineering Technologist III (\$1,673.30-\$2,077.14)—Physical Plant (Operations and Energy Management)
Machinist Technician III (\$1,822.73-\$2,264.26)—Technical Services
Programmer/Analyst II (\$1,822.73-\$2,264.26)—Office of Administrative Systems
Engineering Technologist IV—(\$1,904.82-\$2,367.91)—Physical Plant (Operations and Energy Management)
Instrument Mechanic (\$2,518.53)—Physical Plant
Balancing/Commissioning Foreman (\$2,830.53)—Physical Plant
There are currently no Library vacancies.

Advertisements

Accommodations available

For rent—Exec. condominiums. University area from \$940. 426-4470 Audra.
Summer sub-lease—One bedroom apartment. Fully furnished, two blocks University. \$450/month. 433-3973 after 6 p.m.

For sale—Three bedroom bungalow. South Windsor Park. Owner may finance. 433-6022.

For sale—Windsor Park. Super bungalow, three bedroom, two baths, fully developed, double garage. Resi Richter 483-9432, 455-4135 Weber.
For sale—Large, semi-bungalow, University area, quiet street, financing available. Price \$116,500. Cowley & Keith Real Estate Ltd. 438-1333. Brad Willson 437-7395, Helen Schick 436-2551.

For sale—Three bedroom, semi-bungalow on a quiet street in Parkallen. Excellent mortgage, asking \$79,900. Call Helen Schick. 436-2551 or Brad Willson 437-7395, office 438-1333 Cowley & Keith Ltd.

For sale—Claridge House. Condominium apartment 11027 87 Avenue. Immaculate, sunny living room, balcony, southern exposure, view, two bedrooms, two baths, two parking stalls. Pat Anholt. Potter Realty. 436-3050, res. 436-1559.

For rent—Newly decorated bungalow. Quiet street, Greenfield. Ten minutes University. Three bedrooms, 1½ baths, fireplace, finished basement, double garage, yard, garden. \$1,000/month. 1 July 1982 - 30 June 1983. 432-4475, 434-1110.

Sleeping room—Male, graduate student. Non-smoker, quiet home, private entrance, near Lister Hall. 439-1793.

For sale—Executive townhouse. Southwest. Many extras. 435-0250.

For sale—Lot with view. Good financing. Suitable for energy efficient home. 435-0250.

For rent—Blue Quill townhouse, furnished, three bedroom, for caring couple or family. June-July 1982 to July 1983. References, no pets. \$850 plus utilities. Call 432-4771 or 435-1179 evenings.

Sublet—Two bedroom apartment, 11110 86 Ave. May - Sept. References requested. 433-3995.

For sale—Two homes with beautiful indoor swimming pools. South West locations. Liz Crockford, Spencer Real Estate 434-0555, 436-5250.

For sale—Windsor Park, deluxe, two storey. New kitchen, family room and master bedroom with jacuzzi ensuite. French doors, oak flooring, lot facing park. Liz Crockford, Spencer's 436-5250, 434-0555 res.

For sale—Riverbend, two storey, backing onto park area. Excellent condition; assumable \$114,000 mortgage 14% for four years, Asking \$176,000. Liz Crockford, Spencer's 436-5250, 434-0555 res.

For sale—Riverbend. Three bedroom bungalow. 20 minutes from University by bus. Mortgage \$86,000 at 13¼% due Oct. 1983. No agents. \$138,500. 435-1638 preferably 6 - 8 p.m.

For rent—Suite available. 1 May - 31 Aug. 1982. Furnished, \$400/month. #808, 11145 87 Ave. 433-0353.

For sale—Parkallen. Three bedroom bungalow. \$70,000 mortgage at 14½% until Oct. 1985. Huge trees! DeAnna Larson 481-0936, 436-5250. Spencer Real Estate.

For sale—(1) Appealing, Hearthstone townhomes. \$115,000 with large, open mortgage. (2) Featherstone condominium, two bedrooms. \$55,000 with \$37,000 at 10¼%. Call DeAnna Larson 481-0936, 436-5250. Spencer Real Estate.

For sale—Executive townhome, like new (immaculate) near ravine. \$129,500 with \$73,000 at 13½% till Dec. 1985. Call DeAnna Larson 481-0936, 436-5250. Spencer Real Estate.

Sublet—Furnished, two bedroom suite. Linens, dishes. Campus area. Available 1 May - 30 Aug. References required. Call 439-0480.

For rent—1 Aug. 1982 - 31 July 1983. Parkallen. Furnished, three bedroom, sabbatical house, 1 mile from University. No pets. \$850/month. 437-6529.

For rent—Campus apartment. Large, one bedroom, furnished. 1 April - 30 August. Suitable for visiting professor 435-8204, 432-2003.

For rent—July 1982 for one year. Furnished, three bedroom, cedar log bungalow. On acreage 35 mins. University. No indoor pets. Must be diligent house, yard keepers. Reasonable. 963-2077.

For sale—S.W., two storey, four bedroom, executive. Large lot. Open mortgage \$90,000 at 15½%. Evenings 434-4725.

For sale—Excellent Blue Quill location. Immaculate 2,225', 2-storey, 3-bedrooms, den, enclosed deck with fireplace off family room. Cathedral ceilings, many extras. \$184,000. Maureen Westlake 437-1430, 434-6958. Century 21 Byron's.

For sale—Valleyview. 1,650 sq. ft. bungalow. 3-bedroom, attached double garage, 2 fireplaces, super basement development, spacious master bedroom with 3 piece bath. Maureen Westlake 437-1430, 434-6958. Century 21 Byron's.

For sale—Two condominiums: One bachelor, furnished, \$68,000.—Two bedroom, appliances, \$94,500. Both carry large 13% mortgage until 1985. Attractive units with fireplaces. Call Pat Anderson 481-2284, 435-4869. Royal Trust.

For sale—Aspen Gardens. Excellent family home on ravine lot. Family room, fireplace. Must sell. Call Pat Anderson 481-2284, 435-4869. Royal Trust.

For rent—Furnished, three bedroom

house, \$350/month. 1 May - 2 Sept. 939-4201.

For rent—1 April, four bedroom home near University. 483-9432.

For sale—Old Glenora. Charming, older home on very large lot, three bedrooms, double garage, Resi Richter 483-9432, 455-4135, Weber.

For sale—Valleyview Crescent location. Three bedroom bungalow, large lot. Resi Richter 483-9432, 455-4135. Weber.

For rent—One bedroom suite available, 1 April. Rent \$270 includes utilities. 439-2773 after 1800 hrs.

For sale—Belgravia. By owner. 1,000 sq. ft., semi-bungalow. Newly developed basement, new roof, furnace. 432-3968, 437-2583.

For rent or exchange—Modern house, Wimbledon, England. July - Dec. 1982. Contact S. Thompson 432-5126.

For rent—July 1982 - one year. Furnished, two storey, four bedroom house, Parkview. Family/couples preferred. No pets. \$800 month exclusive. 483-9133.

Accommodations wanted

Wanted to rent—house in Edmonton, prefer University area. Non-smoker/drinker. Guaranteed 1-4 yrs. Before 1 July 1982. Phone 604-764-8875. Write B. Anderson, Box 26, Site 13, R.R.3, Kelowna, B.C. V1Y 7R2.

University professor, family-Sabbatical, 1 May 1982 - 1 May 1983. Requires three bedroom bungalow. 467-8861 (office hours).

Teacher in Belgravia area looking for house to house sit or rent in Belgravia or McKernan. Approximately \$600. 434-7328, 436-0812.

Visiting professor needs to sublet accommodations. 17 April - 15 June 1982. 436-0240 1 p.m. - 6 p.m.

Visiting Law professor seeks to rent three bedroom house in Edmonton from Aug. 1982 to July 1983. Possible exchange for house in North London, England, considered. Phone 432-5590.

Goods for sale

Custom homes—Choice lots in Bears-paw Lake and Riverridge. Suderman Developments Ltd. 434-9203.

Yamaha upright, black piano, seven years old. Excellent condition. \$2,800. Phone 487-1893 after 6 p.m.

Wanted: Two, cabin trunks, Good condition. 432-9524 after 6 p.m.

Upright piano, good condition, \$1,200. 433-8568.

Marian Centre Gift Shop: Collectables, nostalgia, jewellery, textiles, glass, brass, laces. 10528 98 St. Entrance in rear. 10 a.m. - 4 p.m. Monday through Saturday.

Services

Donnic Typing Services Ltd. Specializing in word processing. 301A 10454 Whyte Avenue. 432-1419.

Kozak Business Services: Complete typing service available. Student discount. #305, 9924 106 Street. 423-3068, 478-1885.

Singing teacher, Eileen Turner. 439-4661.

Word processing service/Typing school/ Photocopier/Typewriter rental/ Mark 9, 8919 112 St. HUB Mall, 432-7936.

Typing on word processor. Call Darlene 452-1074.

Personal Tax Preparation. Eberlein Consulting Computerized Services. 434-0563.

Alterations, dressmaking, tailoring. Reasonable rates. By Shirley DeChamplain. Phone 437-3016.

Evans-Davies Contracting. Basements finished. Basement suites. Renovations. Licensed and bonded. Free estimates. 468-5780 evenings.

Editor, writers wanted, part-time, for

national educational magazine and publications. Box 634, University of Alberta, Edmonton. T6G 2E0.

Massage by registered therapist, Mathew Shumaker. Appointments 452-3955.

Children's art classes and creative development. Enrolment for April limited. 433-0044.

Relief for backache, stress, tension.

The Krieg Clinic provides specialized medical massage-chiro gymnastics. Fully qualified—German trained. M. Krieg C.Ph.T. 436-8059, 11627 75 Ave.

Ski Whitefish, 28 - 31 March. \$175.

Transportation, 5 meals, lift tickets. Free accommodation for viewing time share resort presentation. Call collect for details (406) 257-8181.

Paint and wallcoverings applied by journeymen painter. Free estimates.

Please phone evenings. Fred 433-2659. Will type term papers, theses, IBM Selectric. 481-3251.

Typing instructor will type theses, reports, etc. on word processor. Pay by the page. 462-3825 after 1 p.m. Will do housecleaning, \$7 an hour. 478-6573.

Teacher and family from Lyon, France are looking for trade of car and/or trailer with Edmonton person wanting to tour Europe from Lyon this summer. Call Mike 489-6576. evenings.

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